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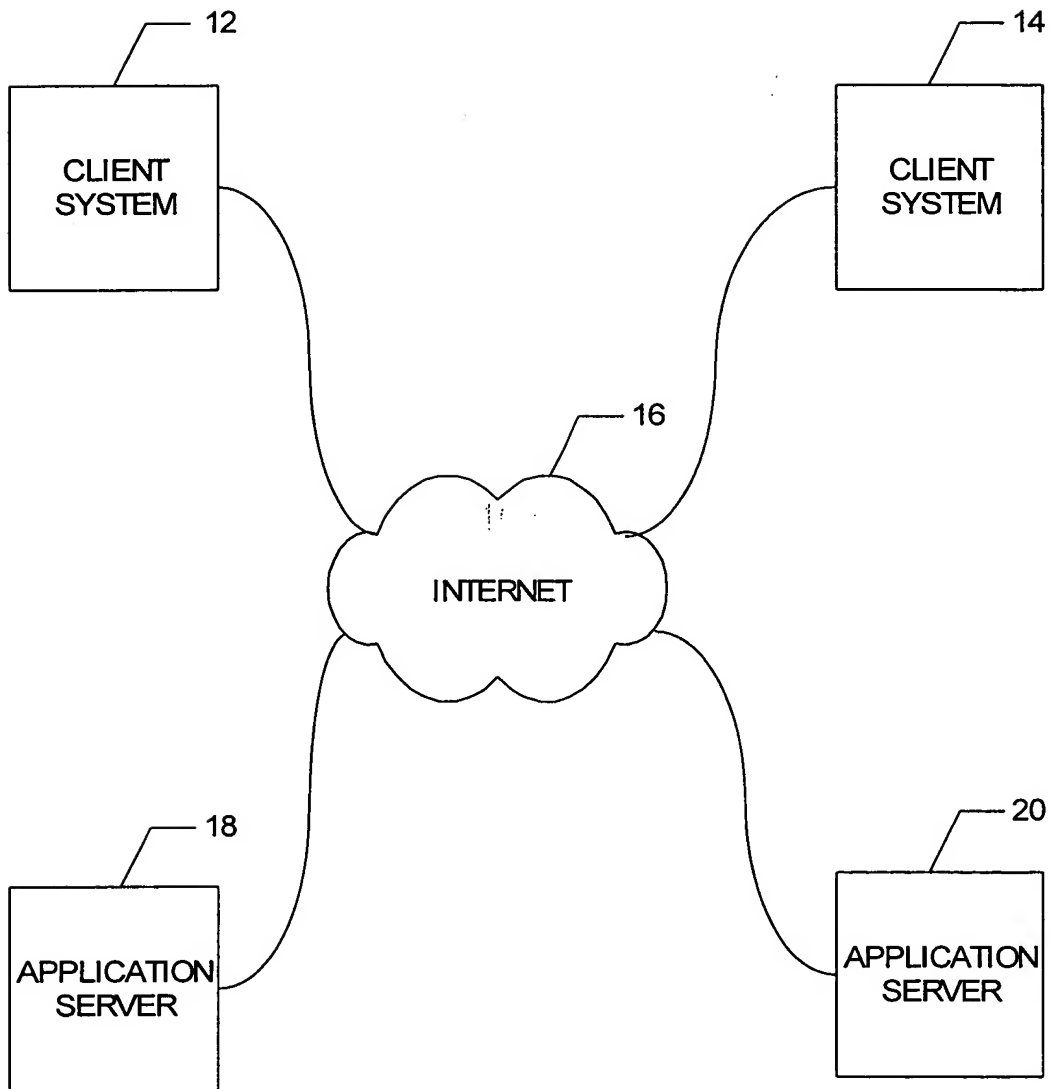


FIG. 1

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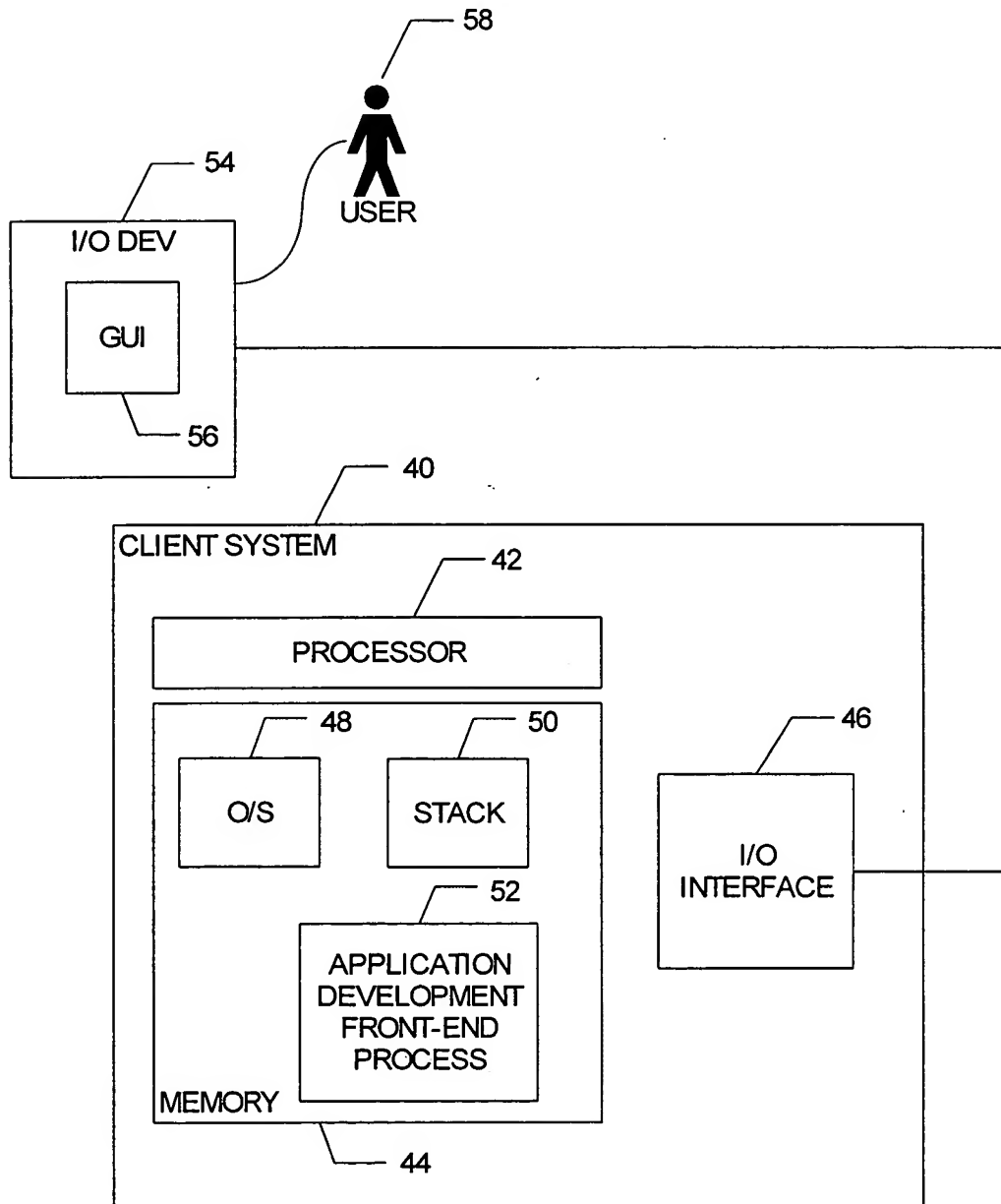


FIG. 2

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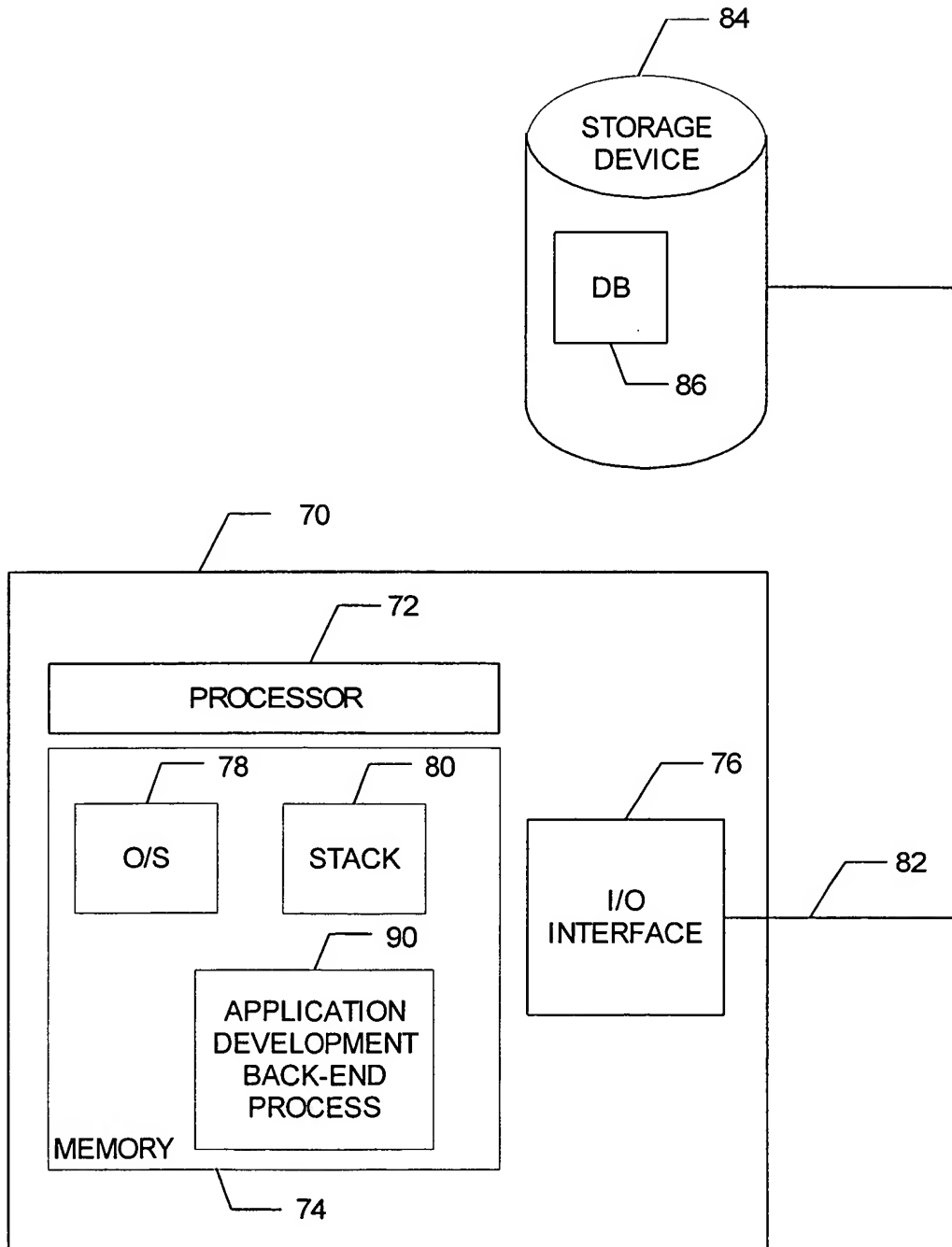


FIG. 3

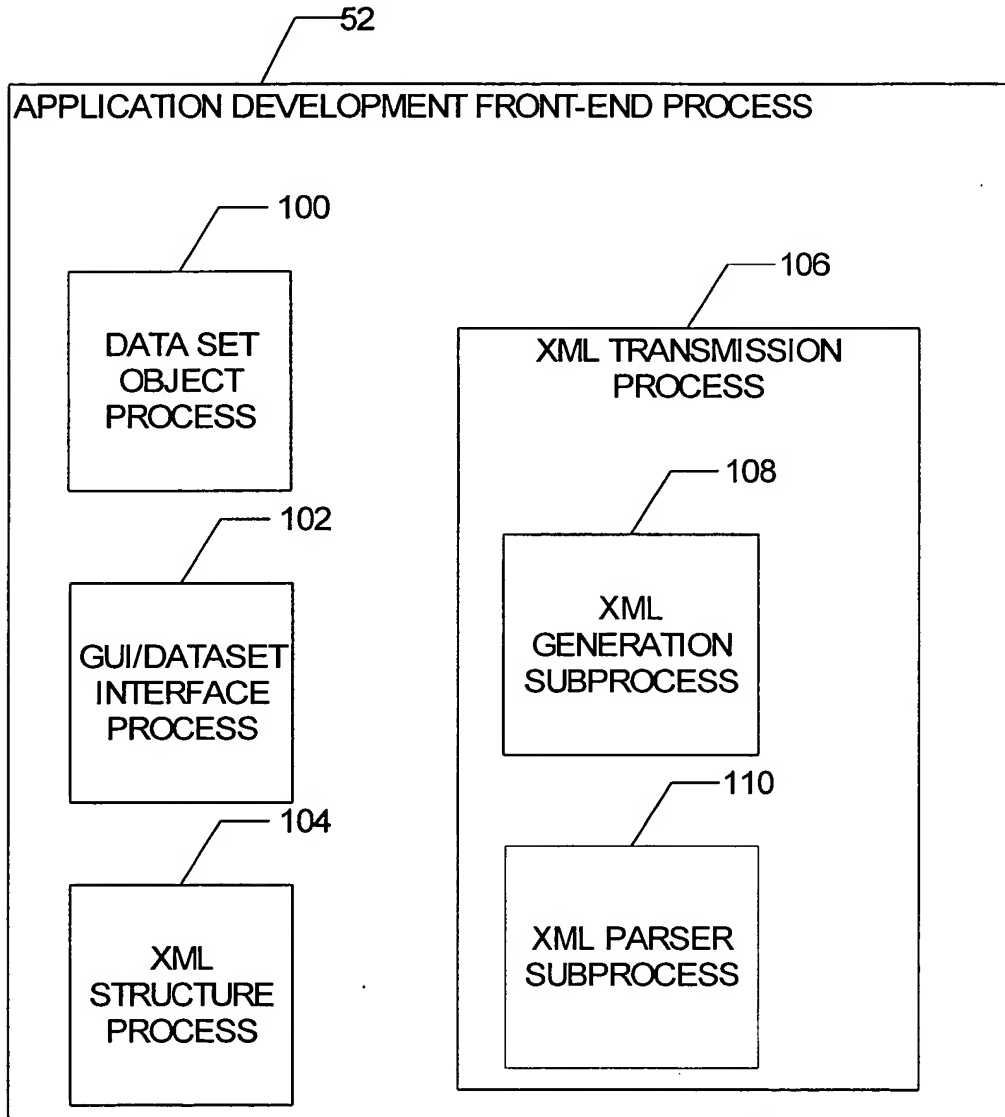


FIG. 4

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```

<?xml version="1.0" encoding="ISO-8859-1" ?>
<IDATA XMLUSER="username" XMLPSWD="password">

  <STPROC PROCNAME="StoredProcedureName">
    <PARAM PTYPE="Parameter_Type1" future attributes="..."> paramvalue1</PARAM>
    <PARAM PTYPE="Parameter_Type2" future attributes="..."> paramvalue2</PARAM>
    <PARAM PTYPE="Parameter_Type3" future attributes="..."> paramvalue3</PARAM>
  </STPROC>

  <REC ACTION="SELECT" TABLENAME="table" LOCK="boolean">
    <COL DCOL="column_name1" future attributes="..."></COL>
    <COL DCOL="column_name2" future attributes="..."></COL>
    <COL DCOL="column_name3" PKPOS="1" future attributes="...">value3</COL>
    <COL DCOL="column_name4" PKPOS="2" future attributes="...">value4</COL>
    <WHERE>column_name5 > column_name6 </WHERE>
    <SORTBY>column_name7 </SORTBY>
  </REC>

  <REC ACTION="INSERT" TABLENAME="table" LOCK="boolean">
    <COL DCOL="column_name1" future attributes="...">value1</COL>
    <COL DCOL="column_name2" future attributes="...">value2</COL>
    <COL DCOL="column_name3" PKPOS="1" future attributes="...">value3</COL>
    <COL DCOL="column_name4" PKPOS="2" future attributes="...">value4</COL>
  </REC>

  <REC ACTION="UPDATE" TABLENAME="table" LOCK="boolean">
    <COL DCOL="column_name1" future attributes="...">value1</COL>
    <COL DCOL="column_name2" future attributes="...">value2</COL>
    <COL DCOL="column_name3" PKPOS="1" future attributes="...">value3</COL>
    <COL DCOL="column_name4" PKPOS="2" future attributes="...">value4</COL>
  </REC>

  <REC ACTION="DELETE" TABLENAME="table" LOCK="boolean">
    <COL DCOL="column_name1" PKPOS="1" future attributes="...">value1</COL>
    <COL DCOL="column_name2" PKPOS="2" future attributes="...">value2</COL>
  </REC>

  <FutureRequestTag Parameters>
    :
    :
  </FutureRequestTag>

</IDATA>

```

Stored
Procedure
Call

Database
Select
Call

Database
Insert
Call

Database
Update
Call

Database
Delete
Call

Future
Request
Call

FIG. 5

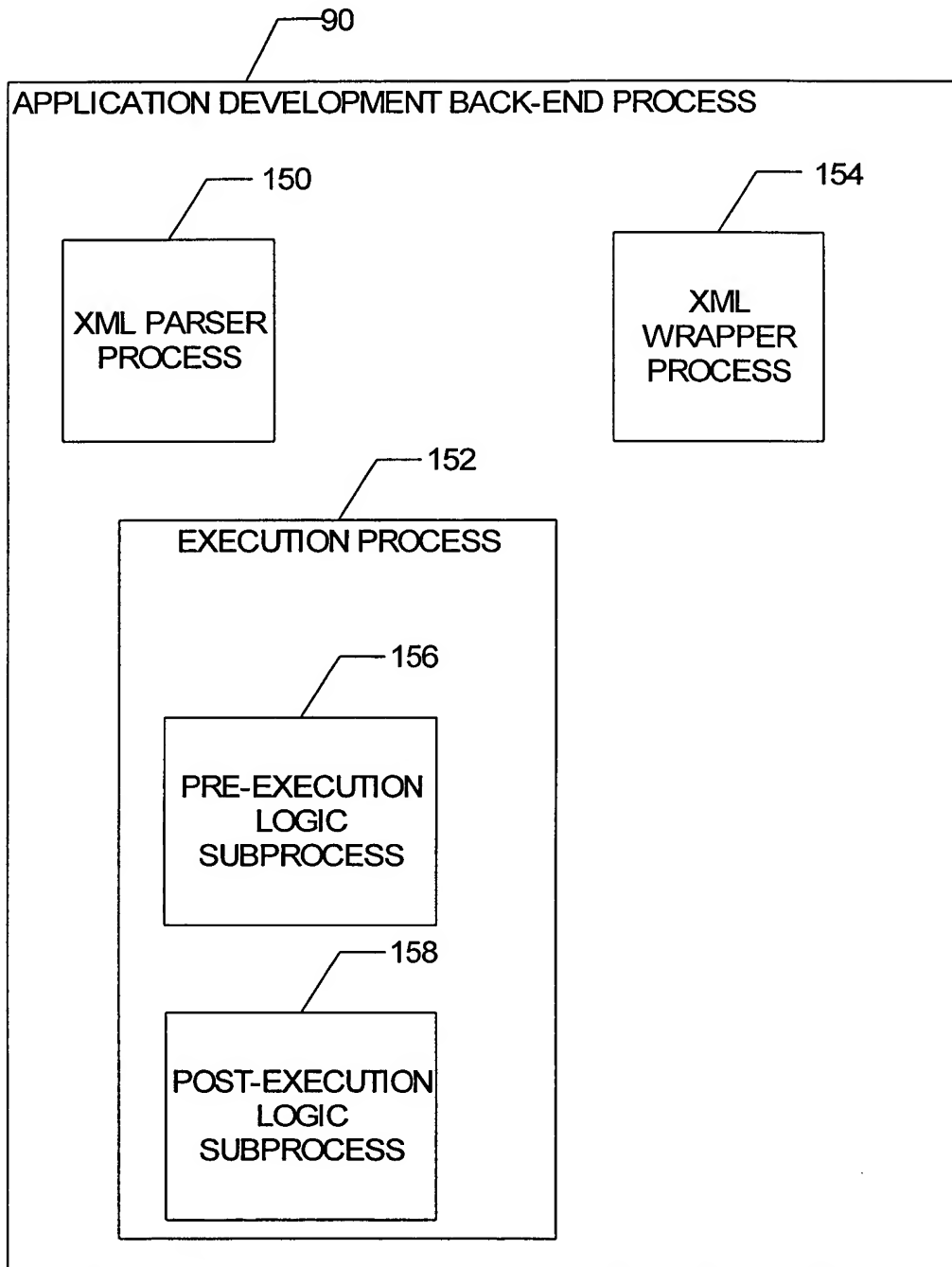


FIG. 6

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```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<IDATA XMLUSER="username" XMLPSWD="password">
```

```
<ERROR><![CDATA[...Error Message...]]></ERROR>
```

```
<STATUS>...StatusInformation...</STATUS>
```

Error Messages
and Status Messages

```
<STPROC PROCNAME="...procedurename...">
  <RETVAL><![CDATA[...ReturnValue...]]></RETVAL>
</STPROC>
```

Stored Procedure
Return Values

```
<TBL TABLENAME="tablename" >
```

```
<DICT>
  <DCOL CNAME="columnname1" POS="1" DTYPE="datatype" ></DCOL>
  <DCOL CNAME="columnname2" POS="2" DTYPE="datatype" CALC="1" ></DCOL>
  <DCOL CNAME="columnname3" POS="3" DTYPE="datatype" PKPOS="1" ></DCOL>
</DICT>
```

```
<IRECSET>
  <REC NEW="0">
    <COL><![CDATA[...columndata...]]></COL>
    <COL><![CDATA[...columndata...]]></COL>
    <COL><![CDATA[...columndata...]]></COL>
  </REC>
</IRECSET>
```

Database Call Response

```
</TBL>
```

```
<FutureResponseTag Parameters>
```

```
  :
```

```
  :
```

```
</FutureResponseTag>
```

Future Responses

```
</IDATA>
```

FIG. 7